

PERMIT APPLICATION: NRS#04.335

APPLICANT: Real Estate Advisory Corp, LLC
810 Curtiswood Lane
Nashville, TN 37204

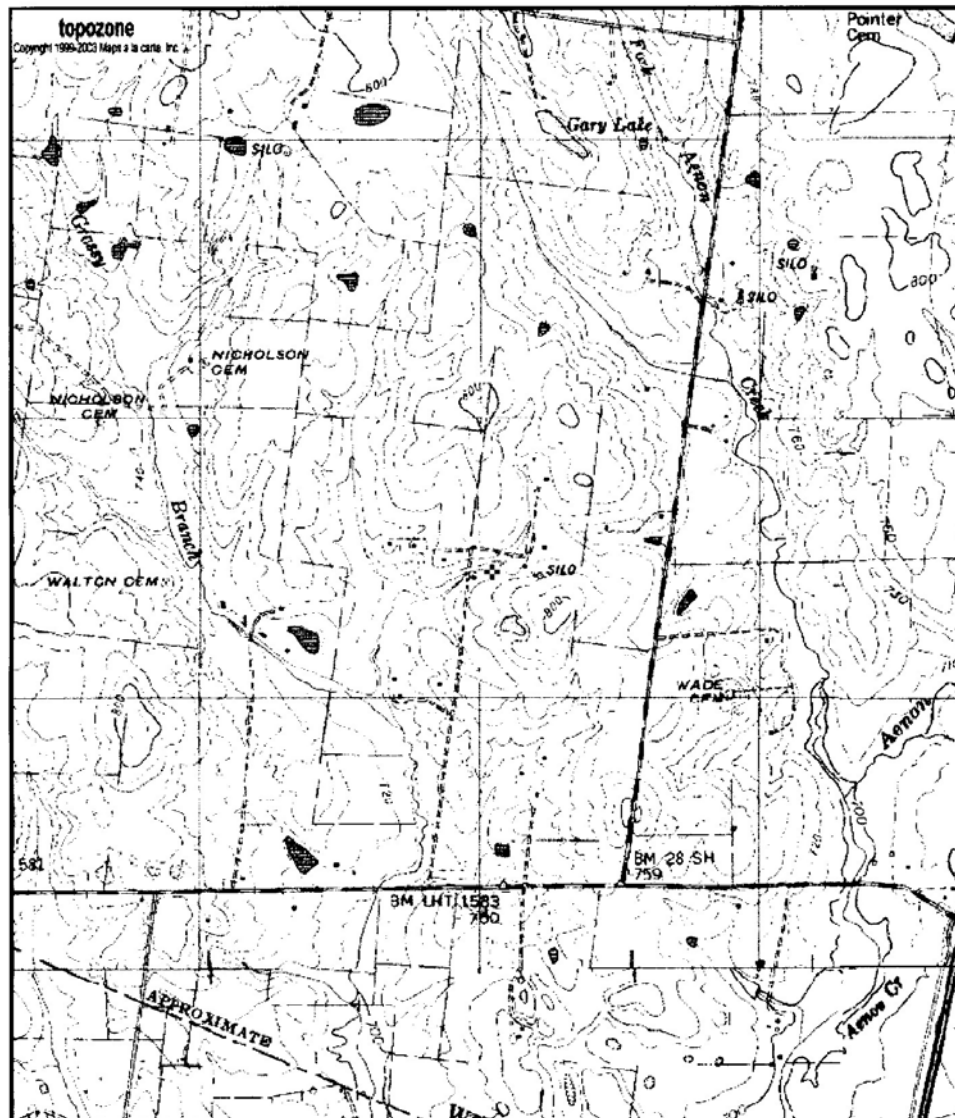
LOCATION: unnamed tributary to Grassy Branch
Williamson County

WATERSHED DESCRIPTION: This project is located at the end of Hurt Road in Spring Hill, TN. The watercourse flows northeast to southwest from two springs and eventually under Hurt Road. The channel is well defined with a gravel substrate. The stream is perennial from a small sinkhole, located at approximately 35.7631°N, -86.8889°W on the southern bank, upstream to a spring, located at approximately 35.7664°N, -86.8875°W. The stream is intermittent from the mentioned sinkhole to the convergence with an unnamed tributary to Grassy Branch at approximately 35.7620°N, -86.8930°W. The adjacent area is developing residentially.

PROJECT DESCRIPTION: The applicant proposes one road crossing, a new impoundment, and sediment clean-out of an existing impoundment on an unnamed tributary to Grassy Branch. The road crossing will be a prefabricated span structure that is approximately 88 feet long with support structures 3 to 4 feet on either side of the channel. The area of the impoundment will affect approximately 325 feet of the stream. A multi-stage outlet structure and earthen berm will be constructed on the intermittent segment of the stream. The outlet structure and associated pipe connect to the existing 40 feet of 54-inch culvert. All construction activity will take place outside of the streambed, except for the impoundment outlet structure. The applicant also proposes to remove the sediment from the existing impoundment during the summer dry season when flow from the springs is minimal. The applicant will dewater so that sediment is not released and there will not be a significant increase in the size of the pond.

PERMIT COORDINATOR: Kelly Morrison

USGS TOPOGRAPHIC QUADRANGLE: Spring Hill (63-SW)



0 0.3 0.6 0.9 1.2 1.5 km
0 0.2 0.4 0.6 0.8 1 mi
Map center is 35.7631°N, 86.8889°W (WGS84/NAD83)
Spring Hill quadrangle
Projection is UTM Zone 16 NAD83 Datum

M=-2.548
G=0.065

<http://www.topozone.com/print.asp?z=16&n=3957678.99075693&e=510043.042698717&...> 1/18/2005

